

Message

From: Werner, Lora [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=921F9F156035403FA605C142A287CC1A-LWERNE02]
Sent: 10/26/2017 12:55:15 PM
To: 'Edge, Charles (ATSDR/DTHHS/OD)' [ibd7@cdc.gov]; ran2@cdc.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=03bbfb4721134794ba6e837cee3f0dd3-ran2@cdc.gov]
Subject: RE: Parkersburg, VA Fire (Ames Tools)

Thanks guys!!

Could we also acknowledge in here that we never received a set of SDSs or comprehensive information about chemicals at this warehouse, beyond the OSCs handwritten list on Saturday night and no chemical analytical from the response is available to us yet either, so we have uncertainty about the overall mixture that was potentially (or might still be) in the air. We know there have been strong plastics odors as well as typical combustion odors in residential areas and we do not have information on what would be causing these odors or the public health implications.

And note that EPA provided limited time weighted average PM10 results from 10/22 and 10/23 that ranged from 7.6-77.6 ug/m3 and 30.7-764.3 ug/m3; they should also have some TWA PM2.5 at this point but we haven't seen them yet. Lora

From: Edge, Charles (ATSDR/DTHHS/OD) [mailto:ibd7@cdc.gov]
Sent: Thursday, October 26, 2017 8:10 AM
To: ran2@cdc.gov
Cc: Werner, Lora <Werner.Lora@epa.gov>
Subject: Fwd: Parkersburg, VA Fire (Ames Tools)

Rich

Please take a look as we discussed so I can send to Lora. Email is below.

Thanks
Charles

Begin forwarded message:

From: "Edge, Charles (ATSDR/DTHHS/OD)" <ibd7@cdc.gov>
Date: October 25, 2017 at 5:22:04 PM EDT
To: "Holler, James S. (Jim) (ATSDR/DTHHS/OD)" <jsh2@cdc.gov>
Cc: "Werner, Lora S. (CDC epa.gov)" <werner.lora@epa.gov>
Subject: Parkersburg, VA Fire (Ames Tools)

Overall, levels of PM_{2.5} and PM₁₀ seem to be decreasing from the first recorded readings (10/23) to date. No air sampling data has been made available. Below are the trends in the realtime air monitoring.

10/23/17

Levels of PM_{2.5} were highest 0.32 miles from the site at 2,810 ug/m³. Levels of PM₁₀ were highest 1.15 miles from the site at 384 ug/m³. The average of the PM_{2.5} and PM₁₀ readings for all the locations monitored were 241 ug/m³ and 110 ug/m³, respectively. The highest concentration of SO₂ was recoded at 0.5ppm.

10/24/17

Levels of PM_{2.5} were highest 0.4 miles from the site at 2,210 ug/m³. Levels of PM₁₀ were highest 0.21 miles from the site at 858 ug/m³. The average of the PM_{2.5} and PM₁₀ readings for all the locations monitored were 77 ug/m³ and 96 ug/m³, respectively. The highest concentration of SO₂ was recorded at 0.1ppm.

10/25/17

Levels of PM_{2.5} were highest 0.25 miles from the site at 531 ug/m³. Levels of PM₁₀ were highest 0.25 miles from the site at 425 ug/m³. The average of the PM_{2.5} and PM₁₀ readings for all the locations monitored were 49 ug/m³ and 41 ug/m³, respectively. No SO₂ readings were recorded.

According to the Air Quality Index for Particulate Matter, 250.5 to 500 ug/m³ on a 24-hour average is considered hazardous. Based on the maximum concentrations only, these areas would be considered hazardous to health. 24-hour averages were not available. These are realtime instantaneous readings. The average concentrations above are the averages of the total detected readings for the day in all monitoring locations. No time weighted averages for each monitoring location were available.